

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A radio communication system for performing multicast communication comprising:

a reception ability value collector configured to collect a reception ability value of each mobile station belonging to a specific multicast group, wherein the reception ability value defines at least one of a demodulation method, a reception buffer size, ~~a computing processing ability~~ a number of bits or codes which a processor can process per one operation, an error correction method and an interleaving length;

a transmission method determiner configured to determine a transmission method of transmitting information in accordance with the collected reception ability value;

a transmitter configured to transmit the information to each mobile station using the determined transmission method; and

a radio resource manager configured to manage available radio resources,

wherein the transmission method determiner determines the transmission method in accordance with the reception ability value and the available radio resources, so that a mobile station equipped with a lowest reception ability can receive the information using the determined transmission method.

Claims 2-3 (Canceled).

Claim 4 (Currently Amended): A radio station comprising:

a reception ability value collector configured to collect a reception ability value of each mobile station belonging to a specific multicast group, wherein the reception ability value defines at least one of a demodulation method, a reception buffer size, ~~a computing~~

~~processing ability~~ a number of bits or codes which a processor can process per one operation,
an error correction method and an interleaving length;

a transmission method determiner configured to determine a transmission method of transmitting information in accordance with the collected reception ability value;

a transmitter configured to transmit the information to each mobile station using the determined transmission method; and

a radio resource manager configured to manage available radio resources,

wherein the transmission method determiner determines the transmission method in accordance with the reception ability value and the available radio resources, so that a mobile station equipped with a lowest reception ability can receive the information using the determined transmission method.

Claim 5 (Canceled).

Claim 6 (Previously Presented): The radio station according to claim 4, wherein the transmission method is determined by at least one of a modulation method, transmission power, a method of organizing the information hierarchically, the amount of data, the numbers of codes, an error correction method, the numbers of blocks, an interleaving length and a rate matching method.

Claim 7 (Previously Presented): The radio station according to claim 4, wherein the radio resource is defined by at least one of transmission power, the numbers of codes, the numbers of frequencies and propagation conditions.

Claims 8-10 (Canceled).

Claim 11 (Previously Presented): The radio station according to claim 7, wherein the transmission method is determined by at least one of a modulation method, transmission power, a method of organizing the information hierarchically, the amount of data, the numbers of codes, an error correction method, the numbers of blocks, an interleaving length and a rate matching method.

Claim 12 (Canceled).

Claim 13 (Previously Presented): The radio station according to claim 1, wherein the radio resource is defined by at least one of transmission power, the numbers of codes, the numbers of frequencies and propagation conditions.